

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Canceled).

Claim 2 (Canceled).

Claim 3 (Canceled).

Claim 4 (Canceled).

Claim 5 (Canceled).

Claim 6 (Canceled).

Claim 7 (Canceled).

Claim 8 (Canceled).

Claim 9 (Canceled).

Claim 10 (Canceled).

Claim 11 (Previously Presented): An x-ray apparatus comprising:
a cathode which irradiates an electron beam;

a target which is irradiated by the electron beam and generates x-rays;

a plurality of pairs of opposing electromagnets between which the electron beam is interposed and which moves the irradiation position of the electron beam that is irradiated on the target;

wherein the plurality of pairs of opposing electromagnets is disposed rotatably about the axial direction of the electron beam and the irradiation position of the electron beam is changed by rotation of the plurality of pairs of opposing electromagnets[[,]]; and

a controller configured to energize a selected pair of electromagnets, ~~is energized and~~
to control the irradiation position on the target of the electron beam ~~is controlled~~, and after a set time related to the service live of the target has elapsed, to energize another set of electromagnets ~~is energized~~.

Claim 12 (Previously Presented): The x-ray apparatus according to claim 11, comprising a plurality of focusing electrodes between the target and the cathode,

wherein the position of the selected pair of electromagnets in the axial direction of the electron beam is between the focusing electrode which is closest to the target side and the cathode.

Claim 13 (New): An x-ray apparatus comprising:

a cathode which irradiates an electron beam;

a target which is irradiated by the electron beam and generates x-rays;

a plurality of pairs of opposing electromagnets between which the electron beam is interposed and which moves the irradiation position of the electron beam that is irradiated on the target;

a controller configured to energize a selected pair of electromagnets, to control the irradiation position on the target of the electron beam, and after a set time related to the service live of the target has elapsed, to energize another set of electromagnets.

Claim 14 (New): The x-ray apparatus according to claim 13, comprising a plurality of focusing electrodes between the target and the cathode,

wherein the position of the selected pair of electromagnets in the axial direction of the electron beam is between the focusing electrode which is closest to the target side and the cathode.